

Underwood Conservation District

State Legislative District #15
Congressional Districts #3 & #4

Other Accomplishments

- Sold 44,200 native trees, shrubs, and groundcover plants to UCD Plant Sale customers.
- Distributed free 2,800 trees on Washington Arbor Day.
- Reached 1,282 students and adults through education and outreach programs.
- Assisted over 100 landowners throughout the district with technical natural resource issues, including livestock management, wildfire protection, forest health, and water quality issues via one-on-one site visits and consultations.
- Completed the first construction phase of a large woody debris installation, bank stabilization and fish habitat enhancement project along a one-mile reach of the Wind River.
- Completed a fish passage barrier removal and bridge installation project on a tributary to the Washougal River. This project was made possible by the FFFPP program with WDNR, WDFW, and RCO SRFB.

2008 Feature Accomplishment

Schmid Bank Stabilization Project

Resource Challenge

Approximately 500 feet of riverbank along White Salmon River were eroding away each year creating a steep cutbank, adding sediment to the river, and threatening the stability of a nearby manure lagoon and CREP planting. The landowners, organic dairy operators, were very interested in protecting the riverbank and willing to contribute at least 25% towards the project.



Schmid Bank Before

Project Summary and Results

Underwood Conservation District (UCD) Cluster Engineers designed bank stability structures for the riverbank. The contractor built an engineered logjam at the top end of the bank and placed eight rootwads into the toe of the bank's slope, as well as two-rock J-hooks into the stream. Wood toe-logs paralleled the edge of water, and the riverbank was sloped back to a stable angle, covered in erosion control fabric, and planted with erosion control grasses and willow livestakes. Today the bank is stable and no longer causing sedimentation of the White Salmon River nor threatening the dairy's manure lagoon and CREP planting. Vegetation is becoming established on the new riverbank slope, providing future shade and enhanced fish and riparian habitat.

Key Project Partners

Mark and Kristi Schmid, Whitewater Holsteins Dairy
WA State Dept. of Ecology Clean Water Funds
UCD Cluster Engineers
US Army Corps of Engineers
WA State Dept. of Fish and Wildlife
Klickitat County



Schmid Bank After

Contact Information

Tova Cochrane, District Manager
P.O. Box 96
White Salmon, WA 98672
(509) 493-1936
<http://w3.gorge.net/ucd/ucd.htm>

Board of Supervisors:
Paul Newell, Chair
Bill Schmitt, Vice-Chair
Sherry Penney, Auditor
Jacob Anderson, Member
Don Gensler, Member

More Work To Do

- Complete Permitting, Design and Construction of Trout Lake Creek Project, Simmons Creek Project, and Jursik Cutbank Project.
- Pursue funding to complete projects such as Castle Springs Restoration, Indian Creek and Cannavina Road culvert replacements, and Trout Lake Irrigation Efficiency Project.
- Continue to expand education, outreach, and technical assistance programs for district schools and landowners.